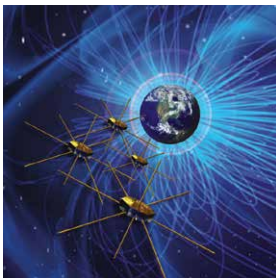
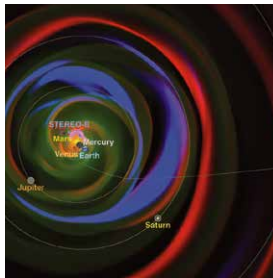


# Schedule of Events at the NASA Booth

Moscone North, Exhibit Hall, Booth #535

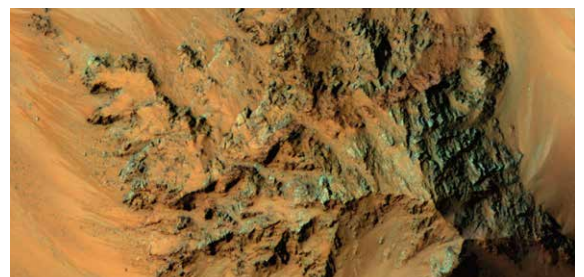
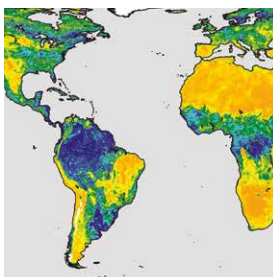
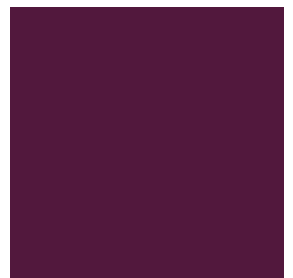
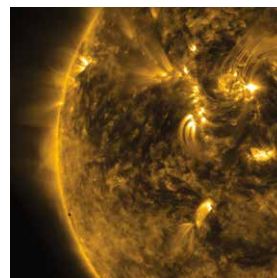


NASA Science has a story to tell and, at AGU, you can be part of it. This year's exhibit will feature daily storytelling Hyperwall presentations, science flash talks, hands-on science demonstrations, and more—covering a diverse range of topics including Earth science, planetary science, and heliophysics. Also, don't miss the special Hyperwall presentations given by the winners of the 2016 AGU Data Visualization and Storytelling Competition, from 12:00 PM to 1:00 PM on Tuesday, December 13 and Wednesday, December 14.

[nasa.gov](http://nasa.gov)

[svs.gsfc.nasa.gov](http://svs.gsfc.nasa.gov)

[svs.gsfc.nasa.gov/hw](http://svs.gsfc.nasa.gov/hw)



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## MONDAY, DECEMBER 12, 2016

TIME	HYPERWALL PRESENTATIONS	PRESENTER
6:10 - 6:25 PM	CYGNSS (Cyclone Global Navigation Satellite System)	Ramesh Kakar
6:25 - 6:40 PM	The Habitability of Terrestrial Planets	Jim Green
6:40 - 6:55 PM	Heliophysics: Exploring the New Wilderness	Steve Clarke
6:55 - 7:10 PM	Northern Lights: From Myths to Modern Science	Pål Brekke
7:10 - 7:25 PM	The Amazing Discoveries of Cassini	Linda Spilker
7:25 - 7:40 PM	Cassini Grand Finale	Scott Edgington
7:40 - 7:55 PM	The Mystery of the Dwarf Planets	Michelle Thaller

### HANDS-ON DEMOS

6:00 - 8:00 PM	Experiencing Climate Data with Virtual Reality	Shayna Skolnik and Ramon Ramirez-Linan
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# TUESDAY, DECEMBER 13, 2016

TIME	HYPERWALL PRESENTATIONS	PRESENTER
9:45 - 10:00 AM	The Cornerstone Mission of NASA's Lunar Reconnaissance Orbiter	Noah Petro
10:00 - 10:15 AM	Ocean Worlds Beyond Earth	Michelle Thaller
10:15 - 10:30 AM	Curiosity's Journey Through an Ancient Martian Lakebed Searching for Habitable Environments	Paul Mahaffy
10:30 - 10:45 AM	Eclipse Across America: Science, Safety, and Celestial Geometry	Lika Guhathakurta
10:45 - 11:00 AM	NASA Global Climate Observations: Discover How Satellites See Climate Change	Jack Kaye
11:00 - 11:15 AM	El Niño 2015-16	David Halpern
11:15 - 11:30 PM	Ocean Salinity	Eric Lindstrom
11:30 - 11:45 AM	Coastal Land Ocean Interactions in the Arctic: A Sea of Change	Peter Hernes
11:45 - 12:00 PM	Improving Global-Scale Earth Observation Data and Products to Halt Illegal, Unregulated, and Unreported Fishing	Miguel Román
12:00 - 1:00 PM	<b>Special Hyperwall Presentations by the 2016 Winners of the AGU Data Visualization and Storytelling Competition</b> Mejs Hasan – University of North Carolina, Chapel Hill • Matthew Ross – Duke University • John Granholm – Appalachian State University	
1:00 - 3:00 PM	See “Flash Talks” Schedule Below	
3:00 - 3:15 PM	NASA's Earth Observation Capabilities: Meeting The Challenges of Climate and Environmental Change	Michael Freilich
3:15 - 3:30 PM	Earth's Rapidly Changing Sea Ice Cover	Claire Parkinson
3:30 - 3:45 PM	Global Precipitation Measurements for Science and Society	Gail Skofronick-Jackson
3:45 - 4:00 PM	Earth Observations for Global Water Knowledge	John Bolten
4:00 - 4:15 PM	Measuring CO <sub>2</sub> with OCO during the 2015-16 El Niño	David Crisp
4:15 - 4:30 PM	Global Agriculture Monitoring Initiative	Bradley Doorn
4:30 - 4:45 PM	Space Weather and the Ionosphere	Alex Young

## FLASH TALKS (AT THE HYPERWALL)

1:00 - 1:07 PM	Satellite Precipitation Data: A Reservoir for Applications Users	Dalia Kirschbaum
1:10 - 1:17 PM	Great American Eclipse of 2017: Where Will You Be? What Will You See?	Kevin Hussey
1:20 - 1:27 PM	Wildland Fire: Hot and Getting Hotter	Amber Soja
1:30 - 1:37 PM	From People to Pixels: Visualizing Socioeconomic Data with the SEDAC Map Viewer	Robert S. Chen
1:40 - 1:47 PM	Flying Small Spacecraft Throughout the Solar System	Eric Christian
1:50 - 1:57 PM	From Remote Sensing Dud to Stud—The ARSET Experience	Amber Jean McCullum
2:00 - 2:07 PM	NASA Atmospheric Science Data: Easier Than You Think	Tiffany J. Mathews
2:10 - 2:17 PM	Solar Probe Plus: A Mission to Touch the Sun	Nicky Fox
2:20 - 2:27 PM	Neither Clouds, Nor Smoke, Nor Dark of Night: Earth Through the Eyes of Sentinel-1	Scott Arko
2:30 - 2:37 PM	All in the NAAMES of Ocean Ecosystems and Climate	Richard Moore
2:40 - 2:47 PM	Looking for Earth Science Data and Related Services?	Tyler Stevens
2:50 - 2:57 PM	A Deeper Look into California's Water Resources	Brittany Zajic

## HANDS-ON DEMOS

9:30 - 11:00 AM	Where Are the Small Worlds? An Interactive and Adaptive Digital Learning Experience	Joe Tamer
11:00 - 11:30 AM	The Atmospheric Science Data Center (ASDC) Geospatial Platform	Matthew Tisdale
11:30 - 12:00 PM	Visualizing Global Precipitation Data	Jacob Reed
12:00 - 12:30 PM	Tools for Extracting and Exploring Multiple Remote Sensing Data Products	Cole Krehbiel
12:30 - 1:00 PM	Methods for Geospatial Data Interaction on the Web	Flynn Platt
1:00 - 1:30 PM	Introducing HazPop: The NASA SEDAC Hazards and Population Mapper	Robert Downs
2:00 - 2:30 PM	Analyzing Potential Mars Landing Sites with JMARS	Scott Dickenshied
2:30 - 3:30 PM	What Color is the Ocean?	Stephanie Uz
3:30 - 5:00 PM	View Your World with Worldview!	Jeff Schmaltz

# WEDNESDAY, DECEMBER 14, 2016

TIME	HYPERWALL PRESENTATIONS	PRESENTER
9:45 - 10:00 AM	Space Weather and the Ionosphere	Alex Young
10:00 - 10:15 AM	The Story on Arctic Ice	Thomas Wagner
10:15 - 10:30 AM	Rapid Arctic Climate Change: What's Cloud Got to Do With It?	Patrick Taylor
10:30 - 10:45 AM	Clouds and Climate	Steve Platnick
10:45 - 11:00 AM	Earth Observations Supporting Wildfire Management	Vincent Ambrosia
11:00 - 11:15 AM	Global Climate Simulation in High Resolution	William Putman
11:15 - 11:30 AM	Surface Water & Ocean Topography (SWOT) Mission	Tamlin Pavelsky
11:30 - 11:45 AM	NASA's Mission To Europa: Exploring a Potentially Habitable World	Steve Vance
11:45 - 12:00 PM	NASA's "Eyes" Peek into the Future	Kevin Hussey
12:00 - 1:00 PM	<b>Special Hyperwall Presentations by the 2016 Winners of the AGU Data Visualization and Storytelling Competition</b> Allison Daniel – University of Alabama, Huntsville • Kaytan Kelkar – Texas A&M University • Sara Lubkin – Northern Virginia Community College	
1:00 - 3:00 PM	See "Flash Talks" Schedule Below	
3:00 - 3:15 PM	NASA's Earth Observation Capabilities: Meeting The Challenges of Climate and Environmental Change	Michael Freilich
3:15 - 3:30 PM	Heliophysics: Exploring the New Wilderness	Steve Clarke
3:30 - 3:45 PM	The Habitability of Terrestrial Planets	Jim Green
3:45 - 4:00 PM	Snow Cover: A Global Perspective from Space	Edward Kim
4:00 - 4:15 PM	Arctic Sea Ice Loss: Old Ice, New Trends	Walt Meier
4:15 - 4:30 PM	SOFIA's Planetary Science	BG Anderson
4:30 - 4:45 PM	What's New with Earth's Ozone Layer?	Paul Newman
4:45 - 5:00 PM	Monitoring Earth's Water and Ice from Space	Ian Fenty

FLASH TALKS (AT THE HYPERWALL)		
1:00 - 1:07 PM	Barnstorming the Moon with NASA's Moon Trek	Brian Day
1:10 - 1:17 PM	The New R.O.U.S.: Radar-data Of Unusual Size	Nettie La Belle-Hamer
1:20 - 1:27 PM	An International Climate Observing System? Priceless...	Bruce Wielicki
1:30 - 1:37 PM	NASA MODIS Land Product Subsets and Visualization in Less than 15 Minutes	Suresh Santhana Vannan
1:40 - 1:47 PM	Why Korea? The Korea-United States Air Quality Study	James Crawford
1:50 - 1:57 PM	The TIRCIS Instrument: Hyperspectral Imaging from Small Satellites	Robert Wright
2:00 - 2:07 PM	Get NASA Snow and Ice Data Your Way Through Earthdata Search	Amy Steiker
2:10 - 2:17 PM	Wildfire Destruction: A Changing Fire Regime Threatens Idaho Fauna	Jenna Williams
2:20 - 2:27 PM	Introducing the Microwave Radiometer Technology Acceleration Mission (MiRaTA)	Kerri Cahoy
2:30 - 2:37 PM	Scientific Tools on the NASA Web Portal for Sea Level Change	Carmen Boening
2:40 - 2:47 PM	What's Wet, Green, and Covered with Animals?	Peter Griffith
2:50 - 2:57 PM	The Anatomy of an Analog	Darlene Lim

HANDS-ON DEMOS		
9:30 - 10:30 AM	What Color is the Ocean?	Stephanie Uz
10:30 - 11:30 AM	Analyzing Potential Mars Landing Sites with JMARS	Scott Dickenshied
11:30 - 12:30 PM	App-Based Citizen Observations in Support of Earth Science and GLOBE Student Research	Holli Riebeek Kohl
12:30 - 1:00 PM	What Can NASA's Goddard Earth Sciences (GES) Data and Information Services Center (DISC) Do for You?	Jennifer Wei
1:00 - 5:00 PM	Experiencing Climate Data with Virtual Reality	Shayna Skolnik and Ramon Ramirez-Linan

# THURSDAY, DECEMBER 15, 2016

TIME	HYPERWALL PRESENTATIONS	PRESENTER
9:45 - 10:00 AM	The Story on Arctic Ice	Thomas Wagner
10:00 - 10:15 AM	Landsat 8: Ice Velocity	Twila Moon/Mark Fahnestock
10:15 - 10:30 AM	NASA Earth Observation Systems and Applications for Public Health	Shobhana Gupta
10:30 - 10:45 AM	The Hole Ozone Story	Richard Eckman
10:45 - 11:00 AM	Global Atmospheric CO <sub>2</sub> from Satellite Data and Models	Steven Pawson
11:00 - 11:15 AM	CYGNSS Satellite Constellation for Tropical Ocean Winds	Christopher Ruf
11:15 - 11:30 AM	Counting Trees and Bushes from Space Using Cloud Computing	Compton Tucker/Daniel Duffy
11:30 - 11:45 AM	High-Resolution Forest Biomass/Carbon Sequestration Potential	George Hurtt
11:45 - 12:00 PM	Rapid Arctic Climate Change: What's Cloud Got to Do With It?	Patrick Taylor
12:00 - 12:15 PM	Finding Your Home on Mars with Mars Trek	Brian Day
12:15 - 12:30 PM	Precipitation Data Go to Work	George Huffman
12:30 - 12:45 PM	10 Years of the A-Train Constellation: Scientific Achievements Worth Celebrating	Lazaros Oreopoulos
12:45 - 1:00 PM	Satellite View of Wildfire	Amber Soja
1:00 - 3:00 PM	See "Flash Talks" Schedule Below	
3:00 - 3:15 PM	Weather and Climate from Space	Joao Teixeira
3:15 - 3:30 PM	Earth's Biodiversity: The View from Space	Allison Leidner/Woody Turner
3:30 - 3:45 PM	The Role of Methane on Climate Change	Daniel Jacob
3:45 - 4:00 PM	3D Changes in Amazon Forests	Douglas Morton
4:00 - 4:15 PM	Cloud Observations from Space: CALIPSO (Cloud-Aerosol Lidar and Infrared Pathfinder Satellite Observation)	Chip Trepte
4:15 - 4:30 PM	Microscopic Life in a Moving Ocean	Stephanie Uz
4:30 - 4:45 PM	Observing Earth from Space: The Fires in Northern Iraq	Ralph Kahn

FLASH TALKS (AT THE HYPERWALL)		
1:00 - 1:07 PM	Monitoring Landslides from Space	Dalia Kirschbaum
1:10 - 1:17 PM	The Moon as Seen by the Lunar Reconnaissance Orbiter Camera	Brett Denevi
1:20 - 1:27 PM	News Flash! New, Open, and Reprocessed NASA Land Data at LP DAAC	Cole Krehbiel
1:30 - 1:37 PM	ICESat-2: NASA's Next-Generation Satellite Altimetry Mission	Kelly M. Brunt
1:40 - 1:47 PM	Delve Into Curtain Data with DEVELOP	Kathleen Moore
1:50 - 1:57 PM	RAVAN: CubeSat, Carbon Nanotubes, and Climate	William H. Swartz
2:00 - 2:07 PM	The Eventful Earth—Seen Through NASA Data in Giovanni	Jennifer Wei
2:10 - 2:17 PM	A New Way to Explore NASA Field Campaign Data	Amanda Weigel
2:20 - 2:27 PM	Operation IceBridge Portal 2.0: Benefits of the One-Stop Shop for IceBridge Data	Amy FitzGerrell
2:30 - 2:37 PM	Discover and Access NASA AirMOSS and NASA CARVE Data	Yaxing Wei
2:40 - 2:47 PM	Globe Observer: Citizen Scientist Observations in Support of Earth System Science	Holli Riebeek Kohl

HANDS-ON DEMOS		
9:30 - 10:30 AM	App-Based Citizen Observations in Support of Earth Science and GLOBE Student Research	Holli Riebeek Kohl
10:30 - 11:30 AM	View Your World with Worldview!	Jeff Schmaltz
11:30 - 1:00 PM	Virtual Earth System Laboratory	Eric Larour
1:00 - 1:30 PM	What Can NASA's Goddard Earth Sciences (GES) Data and Information Services Center (DISC) Do for You?	Jennifer Wei
1:30 - 2:30 PM	Where Are the Small Worlds? An Interactive and Adaptive Digital Learning Experience	Joe Tamer
2:30 - 3:00 PM	The Atmospheric Science Data Center (ASDC) Geospatial Platform	Matthew Tisdale
3:00 - 3:30 PM	Tools for Extracting and Exploring Multiple Remote Sensing Data Products	Cole Krehbiel
3:30 - 4:00 PM	Methods for Geospatial Data Interaction on the Web	Flynn Platt
4:00 - 5:00 PM	Visualizing Global Precipitation Data	Jacob Reed



## FRIDAY, DECEMBER 16, 2016

TIME	HYPERWALL PRESENTATIONS	PRESENTER
9:45 - 10:00 AM	Earth at Night from Space	Steve Graham
10:00 - 10:15 AM	CYGNSS Satellite Constellation for Tropical Ocean Winds	Christopher Ruf
10:15 - 10:30 AM	Global Atmospheric Flux of CO <sub>2</sub>	Lesley Ott
10:30 - 12:00 PM	<b>Special Documentary Film:</b> <i>Before the Flood</i>	

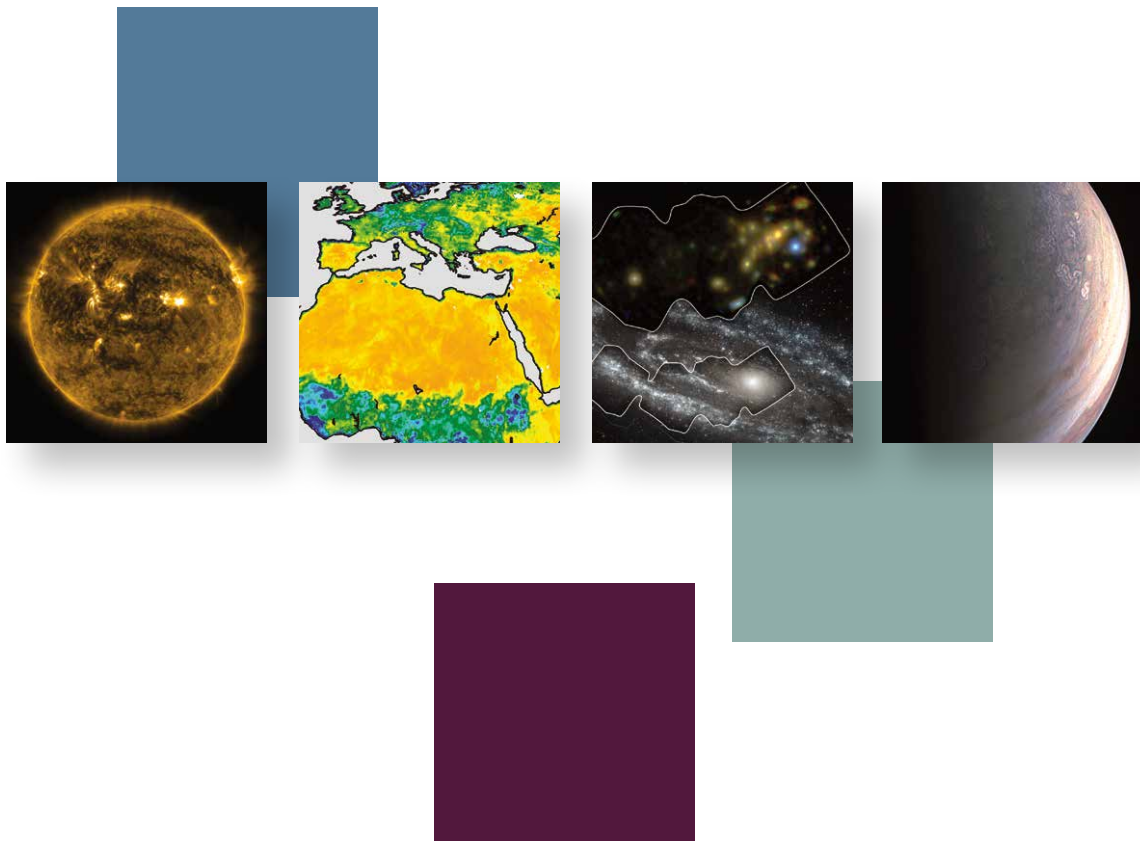
HANDS-ON DEMOS		
9:30 - 1:30 PM	Experiencing Climate Data with Virtual Reality	Shayna Skolnik and Ramon Ramirez-Linan



## NOTES

## **NASA's Vision**

To reach for new heights and reveal  
the unknown so that what we do and  
learn will benefit all humankind.



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